

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to because Figure 4 misspells the word 'Through' as 'Thorough'. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Allowable Subject Matter***

2. Claim 1 is allowed.
3. The following is an examiner's statement of reasons for allowance: The prior art of record and to the examiner's knowledge does not teach or render obvious the instant invention, particularly characterized in claim 1 by the limitation that a plurality of silicon

leaf spring electrodes are inserted into a plastic sheet and do not extend out of the sheet.

4. The closest prior art of record is Takayama et al. (U.S. 5,188,702) and Nakamura et al. (JP 2003-121468). Takayama et al. discloses an anisotropic conductive sheet with through-holes filled with planar metal electrodes. Nakamura et al. discloses electrodes composed of silicon springs. However, the springs of Nakamura et al. are coil-shaped, rather than leaf-shaped. Furthermore, the springs in Nakamura et al. extend out of base board supporting the springs. The other prior art of record does not suggest or make obvious the limitation that leaf springs are used as the electrodes within a plastic sheet but do not extend out of the plastic sheet.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to REEMA PATEL whose telephone number is (571)270-1436. The examiner can normally be reached on M-F, 8:00-4:30 ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Garber can be reached on (571)272-2194. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2812

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Reema Patel/  
Examiner, Art Unit 2812  
6/18/08

/Charles D. Garber/  
Supervisory Patent Examiner, Art Unit 2812